Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 04 Apr 2023 until 23:59 on Wednesday 05 Apr 2023

Forecast Issued on Monday 03 Apr 2023 at 16:22

Confidence: High confidence until Thursday when there is some uncertainty on continuation of rain across the area. Higher confidence in drier conditions returning on Friday.

Headline for Tuesday 04 Apr 2023: Dry and sunny for much of the day. Increasing southerly winds.

Mountain weather hazards on Tuesday 04 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	10%

Forecast for Tuesday 04 Apr 2023

Weather: Dry with clear or sunny spells through the morning. Patchy high cloud pushing in from the west later, giving sunny spells or hazy sunshine.

Chance of cloud-free hill tops above 800m: 90%

Low cloud and visibility: Good visibility.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 04 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	25/31 S	24/30 S	20/25 S	18/24 S	17/24 S	18/24 S	23/29 SW	25/31 S	24/31 S
600	25/35 S	25/34 S	20/27 S	15/21 S	16/22 S	17/23 S	18/24 SW	22/31 S	22/31 S
300	9/24 S	9/24 S	5/17 S	8/17 S	10/20 S	9/20 S	8/19 S	9/21 S	10/22 S
Valley	6/19 SE	7/21 SE	4/17 SE	8/15 S	9/17 S	9/17 SW	6/15 SW	7/19 S	10/22 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-5	1/-6	0/-6	0/-6	2/-4	2/-3	1/-5	1/-6	1/-6
600	3/-3	2/-5	2/-4	3/-2	4/-0	5/0	4/-1	3/-3	3/-3
300	4/0	3/-1	2/-1	5/2	8/5	8/5	6/3	5/2	5/2
Valley	6/4	5/3	4/2	7/5	9/7	9/7	8/6	7/6	8/5
Freezing Level*	1000m	1000m	700m	800m	900m	900m	900m	1000m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height in the strong winds.

Forecast for Wednesday 05 Apr 2023

Weather: Dry at first overnight but low cloud and rain soon pushing in from the west during the early hours. This lingering across the region throughout the day, heavy at times, particularly into the evening.

Maximum wind: South to southwest 15-20 mph, gusting 30 mph, easing into the evening.

Chance of cloud-free hill tops above 800m: 20%

Low cloud and visibility: Low cloud, base 500-700m, in association with the rain, with moderate visibility in heavy outbreaks.

Temperature: **Valleys:** Plus 6 rising to plus 10 Celsius.
At 800m: Plus 2 rising to plus 4 Celsius.
Freezing level: Above summits.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Monday 3 April 2023 Location: Helvellyn summit at 11:50
Temperature: minus 0.8 C, Maximum wind speed 18.6 mph, Wind chill: minus 8.5 C, Average wind speed: 13.6 mph
Full report: As far as walkers are concerned, all the Lakeland fells and paths are now clear of snow. There are only small patches of snow remaining above 900m on steep north and east facing slopes (and these are probably now only to be found on the Helvellyn range) and they are nowhere where walkers are likely to cross them. Given the overnight frost, early walkers encountered patches of thin ice on paths where they cross drainage lines; but these had thawed by late morning/early afternoon. This situation is likely to be repeated on Tuesday. Rocks and paths were generally dry giving excellent traction and an enjoyable day out, especially for those attempting steep and exposed routes, such as the Helvellyn edges. Even on a day with relatively light winds, there was quite a contrast between the warm car parks in the valleys and the summit where the temperature around midday was just below freezing and the windchill (what the temperature actually feels like) a chilly minus 8 degrees C. This was especially noticed by those who had elected to climb Helvellyn without any extra clothing. This was a shame since the summit plateau today was a place to don an extra jacket and linger to soak in the magnificent 360 degree panorama. Therefore, for those venturing on the high fells, plenty of warm and waterproof (doubling as windproof) clothing, hat and gloves, mountain boots and equipment - including a torch, map and compass and the ability to use them in potentially poor visibility – all remain essential both for safety and to be able to fully enjoy the experience. Given the current forecast for Tuesday, both sunglasses and sunscreen will also be essential!

Issued at: 1622 on Mon 03 Apr 2023

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